

CRH Antibody

Catalog No: #36806



Package Size: #36806-1 50ul #36806-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

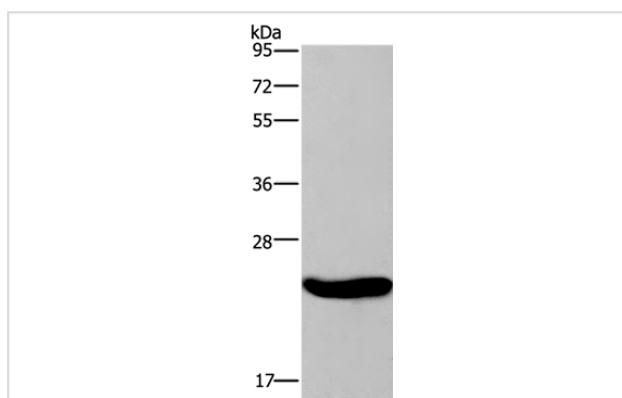
| | |
|-----------------------|----------------------------------------------------------------------------------------------------------|
| Product Name | CRH Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | IHC |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous levels of total CRH protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human corticotropin releasing hormone |
| Target Name | CRH |
| Other Names | CRF |
| Accession No. | Swiss-Prot#: P06850NCBI Gene ID: 1392Gene Accssion: NP_000747 |
| SDS-PAGE MW | 21kd |
| Concentration | 1mg/ml |
| Formulation | Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol. |
| Storage | Store at -20°C |

Application Details

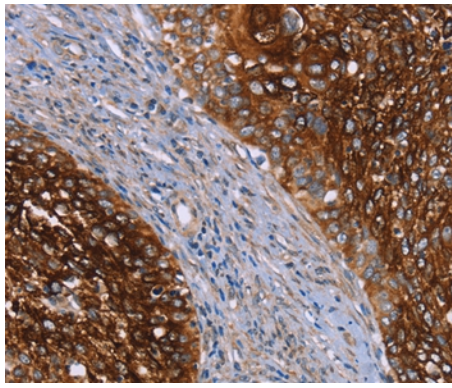
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

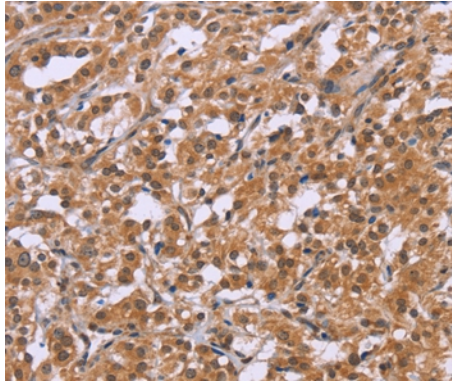
Images



Gel: 8%SDS-PAGE
Lysate: 40ug Human placenta tissue
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36806 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36806 at dilution 1/20.

Background

Corticotropin-releasing hormone is secreted by the paraventricular nucleus (PVN) of the hypothalamus in response to stress. Marked reduction in this protein has been observed in association with Alzheimer disease and autosomal recessive hypothalamic corticotropin deficiency has multiple and potentially fatal metabolic consequences including hypoglycemia and hepatitis. In addition to production in the hypothalamus, this protein is also synthesized in peripheral tissues, such as T lymphocytes and is highly expressed in the placenta. In the placenta it is a marker that determines the length of gestation and the timing of parturition and delivery.

Published Papers

et al., FoxO3a suppresses neuropeptide W expression in neuronal cells and in rat hypothalamus and its implication in hypothalamic-pituitary-adrenal (HPA) axis, In *Int J Biol Sci* on 2020 Aug 25 by Fengxia Yan, Rikang Wang, et al..PMID: 33061795, , (2020)

[PMID:33061795](#)

et al., Gut microbiota modulates stress-induced hypertension through the HPA axis. In *Brain Res Bull* on 2020 Sep by Qin Wu, Ziyang Xu, et al..PMID: 32535221, , (2020)

[PMID:32535221](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.